

## ABSTRACT OF THE DISCLOSURE

In evaluating of the quality of test sequences for delay faults, when all the delay faults are equally regarded, the  
5 process of detecting the delay faults deserving to be detected and those not so deserving to be detected cannot be reflected on the quality evaluation for the test sequences. To solve the problem, a "design delay value" on a signal path, on which a corresponding delay fault is defined, is weighted. This  
10 invention thus provides "methods of evaluating the quality of test sequences for delay faults" capable of evaluating the quality of the "delay fault test sequences" with more accuracy.